

Abstract

The invention relates to a method for drying laundry and to a laundry dryer for carrying out said method, comprising a drying chamber and process air conduct wherein a blower is arranged for conveying dry air through the drying chamber and a fresh air supply element and used air discharge element are arranged. Means for separating the dry air flow into a used air part and a circulating air part are provided in the process air conduct. The laundry dryer comprises sensors for detecting process parameters and the means for separating the dry air flow in order to modify the used air/circulating air are controlled according to the detected parameters. A sensor (20) detects the pressure of the process flow in the area (19) where the dry air enters the drying chamber (1) in order to prevent laundry damage from occurring if the dry air flow in the drying drum is interrupted and in order to obtain an optimum drying result. The pressure value and/or pressure evolution is evaluated and according to said evaluation, the means (14,22) for separating the dry air flow are controlled in such a way that the amount of circulating air is reduced or adjusted to zero and the drying process is continued with a reduced volume flow through the drying chamber (1).